



COMMONWEALTH of VIRGINIA

Department of Health
Division of Shellfish Sanitation
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CHINCOTEAGUE BAY

Accomack County

Shoreline Sanitary Survey

Date: August 25, 2003

Survey Period: October 5, 2001 – January 7, 2003

Total Number of Properties Surveyed:

Surveyed By: R. S. Bisker, J. W. Hume, and P. H. Widgen

SECTION A - GENERAL

This survey area extends from Reference Point 99 at the northwest end of the Black Narrows Bridge to Reference Point 100 at the Virginia-Maryland state line where it intersects the western Chincoteague Bay shoreline, including Chincoteague Bay shoreline between these two points, Middle Mouth, Wire Narrows, Far Mouth, New Virginia Cove, Queen Sound Channel, Cockle Creek, Mosquito Creek, Little Mosquito Creek (Wattsville Branch, Wallops Pond, Snead Branch), Horntown Bay, Coldkall Creek, Swans Gut Creek, (Selby Branch, Sand Branch), Powell Creek, Guys Point Gut, and all of their tributaries.

The area is characterized by low elevations with marshlands adjacent to Chincoteague Bay and rising to moderate elevations inland to the headwaters. Population is sparse except for slight concentrations at Greenbackville, Horntown, and Wattsville. Captain's Cove (prop. W174-W433A), a planned development between Swans Gut Creek and Powell Creek, is still in the early stages of development. Presently approximately 80% of the homes have onsite sewage systems and the remaining 20% are connected to a community sewage treatment facility with no designed discharge. This development does have the potential of becoming a densely populated area. Trails End Campground (prop. B109-B1394, H372-H486, Wt1-Wt218) is situated upon 710 acres with 2500 campsites, of which approximately 500+ have on-site sewage treatment systems. The development has 24 existing comfort stations, which service approximately 108 lots each. The economy in this area is based largely upon seafood, agriculture and the NASA Wallops Flight Facility.

Meteorological data indicated that a total of 41.43" of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

Oct. 5-31,	2001	0.40"	June	2002	4.43"
November	2001	0.05"	July	2002	3.40"
December	2001	2.11"	August	2002	1.72"
January	2002	2.85"	September	2002	1.43"
February	2002	0.75"	October	2002	5.56"
March	2002	5.20"	November	2002	3.66"
April	2002	4.66"	December	2002	3.24"
May	2002	1.46"	Jan 1-7	2003	.51"

The survey identified several properties of particular significance for shellfish sanitation control as follows. Sewage treatment facilities are located at NASA Wallops Station (prop. 1) and Captain's Cove development and Captain's Cove Campground (prop. W174-W433A). A septage disposal dumpsite (prop. A) is no longer within the current survey boundary. The survey revealed 14 animal pollution sources. Of these 9 are broiler house operations. There are several trailer parks (prop. H94-141, H316-325, H328-350, H490-504). There is one campground in the survey area, Trails End Campground (prop. B109-B1394, H372-H486, Wt1-Wt218).

Current restrictions on shellfish harvesting are Condemned Shellfish Area Number 32, Mosquito Creek, revised December 6, 2001, Condemned Shellfish Area 97, Swan's Gut, revised December 3, 1993, and Condemned Shellfish Area 153, Greenbackville Harbor, revised April 27, 1989.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties. The Engineering Appendix is available by request from the Richmond Office of the Division of Shellfish Sanitation.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B. 2. and B. 3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B. 1., C. 1. and C. 2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "**Direct**" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

1. National Aeronautics and Space Administration (NASA), Wallops Station 23337. Public – sewage treatment plant receiving sewage from NASA station, Marine Science Consortium, and Wallops Island (area 99). 900 persons. Design capacity is 800,000 gpd. Components are dual comminutors, primary settling tank, dosing tank, trickling filters, secondary clarifier, sludge digester, sludge drying beds, and chlorine contact tank. The chlorinated effluent discharges into a ditch that drains into Little Mosquito Creek. See Engineering Study for more information.
99. Captains Cove Golf & Yacht Club, Inc., 3370 Captains Corridor, Greenbackville 23356. Public- sewage treatment plant that serves approximately 200 persons/151 connections. Sewage is pumped from two holding stations to aerated lagoon then flows to package treatment plant that discharges into a primary lagoon. Effluent from the lagoon is planned to be irrigated onto the golf course. There is no discharge from this facility. See attached DEQ inspection dated 11-09-01.

ON-SITE SEWAGE DEFICIENCIES

6. CONTRIBUTES POLLUTION – Location: 32118 Chincoteague Road, New Church 23415. Dwelling- brown frame 1 story. ? persons. No contact. Effluent ponding on ground surface over drain fields. Sanitary Notice issued 3-8-02 to field #H198.
8. CONTRIBUTES POLLUTION – Occupant: Albert Marshall, 33029 Gaskins Court, New Church 23415. Owner: Page Gaskins, New Church 23415. Dwelling- gray/brown trailer with green trim and cream skirt. 2 persons. Improper lid to septic tank. Sanitary Notice issued 8-15-02 to field #H331.
9. CONTRIBUTES POLLUTION – Location: 33020 Gaskins Court. New Church 23415. Owner: Page Gaskins, New Church 23415. Dwelling- tan trailer. ? persons. No contact. No end cap on sewage line. Sanitary Notice issued 8-15-02 to field H#333.
12. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Location: 34111 Horntown Road, Horntown 23395. Owner: Madeline Hope, P.O. Box 3, Horntown. Dwelling- white asbestos siding 1 story. ? persons. No contact. Kitchen or laundry wastes piped to ditch that drains to Snead Branch. Sanitary Notice issued 11-9-01 to field #B6.
13. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – Location: 34091 Horntown Road, Horntown 23395. Owners: Louvenia E. & Kendall E. Hope, 3815 Cambridge Street, Philadelphia, PA 191104. Dwelling- white vinyl siding 1 story. 2 persons. Kitchen wastes piped to ditch that drains to Snead Branch. Sanitary Notice issued 11-9-01 to field #B8.
14. CONTRIBUTES POLLUTION – Location: 4308 Townsend Drive, Horntown 23395. Owner: William Townsend, P.O. Box 67, Horntown. Dwelling- brown house trailer. 3 persons. Sewage line from trailer to septic tank not properly connected allowing sewage effluent to drain onto the ground surface. Sanitary Notice issued 9-11-01 to field #B17.

15. CONTRIBUTES POLLUTION – Location: 4378 Horntown Circle, Horntown 23395. Owner: Sallie Pitts C/O Jesse Pitts, P.O. Box 28, Horntown. Dwelling- tan vinyl siding 1 story. ? persons. No contact. Sewage effluent erupting onto ground surface from septic tank. Sanitary Notice issued 11-16-01 to field #B51.
16. CONTRIBUTES POLLUTION – Location: 34264 Horntown Road, Horntown 23395. Occupant: Victory Ghent, Box 247, New Church 23415. Owner: John Dickerson, 34291 Horntown Road, Horntown. Dwelling- gray house trailer. 4 persons. Occupant stated that sewage line was leaking onto ground surface under trailer. Sanitary Notice issued 11-28-01 to field #B61.
17. CONTRIBUTES POLLUTION – Occupant: Robert Wise, 34208 Horntown Road, Horntown 23395. Owner: John Dickerson, 34291 Horntown Road, Horntown. Dwelling- light gray house trailer. 3 persons. Sewage line from trailer not connected to septic tank allowing sewage effluent to drain onto ground surface. Sanitary Notice issued 11-28-01 to field #B63.
18. CONTRIBUTES POLLUTION – John Dickerson, 34291 Horntown Road, Horntown 23395. Dwelling- white vinyl & red brick siding 1 story. ? persons. No contact. Sewage effluent erupting from drainfield onto ground surface. Sanitary Notice issued 11-28-01 to field #B71.
20. CONTRIBUTES POLLUTION – Location: Justice Road, Horntown 23395. Owner: William Taylor, P.O. Box 891, Parksley 23421. Dwelling- gray house trailer. ? persons. No contact. Improper wood boards used as lid to septic tank. Sanitary Notice issued 12-7-01 to field #B107.
22. CONTRIBUTES POLLUTION – Location: 2 Holly Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Dwelling- empty camper trailer site. ? persons. No contact. Sewage hookup pipe not capped. Sanitary Notice issued 12-20-01 to field #B148.
23. CONTRIBUTES POLLUTION – Location: 24 Cedar Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- white cement block 1 story comfort station with portable sewage tank washout. ? persons. No contact. Sewage pump station tank cracked with missing blocks exposing contents. Sanitary Notice issued 12-21-01 to field #B155.
24. CONTRIBUTES POLLUTION – Location: 3 Trails End Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- white vinyl siding 1 story comfort station with laundry room. ? persons. No contact. Cover for sewage pump station coming apart exposing contents. Sanitary Notice issued 12-21-01 to field #B164.
25. CONTRIBUTES POLLUTION – Location: 35 Wood Thrush Court, Horntown 23395. Owner: Robert R. Beard, 6604 Jena Place, Baltimore, MD 21075. Dwelling- empty camper trailer site. ? persons. No contact. Sewage hookup pipe not capped. Sanitary Notice issued 1-31-02 to field #B181.
26. CONTRIBUTES POLLUTION – Location: 6 Wood Thrush Court, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- white cement block 1 story comfort station with portable sewage tank washout. No contact. Cover on sewage pump station tank not tight plywood board warped exposing contents. Sanitary Notice issued 1-31-02 to field #B183.

27. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 43 Robin Lane, Horntown 23395. Owner: Charlotte Sunderland, 4104 Eder Road, Baltimore, MD 21222. Dwelling- white & blue camper trailer. No contact. Flexible pipe from sink directs effluent onto ground surface. Sanitary Notice issued 1-31-02 to field #B185.
28. CONTRIBUTES POLLUTION – Location: 71 Robin Lane, Horntown 23395. Owner: Cindy Cox, Route 1 Box 197, Booneville, AR 72927. Dwelling- white & green camper trailer. No contact. Sewage hookup pipe not capped. Sanitary Notice issued 1-31-02 to field #B197.
29. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 120 Elm Court, Horntown 23395. Owner: Edward Lee Shinsky, 1230 Spring Avenue, Baltimore, MD 21237. Dwelling- white & green camper trailer and blue & white camper trailer. No contact. Garden hose connected to camper sewage holding tank drains effluent onto ground surface down hill 100' from Little Mosquito Creek at 60' elevation. Sanitary Notice issued 2-1-02 to field #B226.
30. CONTRIBUTES POLLUTION – Location: 109 Wallops Mill Drive, Horntown 23395. Owner: William Bullis, 233 Bentons Pleasure Road, Chester, MD 21619. Dwelling- cream & maroon camper trailer. No contact. Flexible sewage line broken. Sanitary Notice issued 2-8-02 to field #B253.
31. CONTRIBUTES POLLUTION – Location: 11 Wallops Mill Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- gray cement block 1 story comfort station with portable sewage tank washout. No contact. Sewage pump station tank wall broken. Sanitary Notice issued 2-8-02 to field #B259.
32. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 133 Wallops Mill Drive, Horntown 23395. Owner: Steven Dunn, 1341 Voshell Millstar, Dover, DE 19901. Dwelling- almond & brown camper trailer & white & gold recreational camper vehicle. No contact. Kitchen or laundry wastes drain onto ground surface from camper sewage discharge line. Sanitary Notice issued 3-8-02 to field #B346.
33. CONTRIBUTES POLLUTION – Location: 210 Wallops Mill Drive, Horntown 23395. Owner: Charles Hunter, 2801 Park Avenue, Manchester, MD 21102. Dwelling- beige & blue camper trailer. No contact. Flexible sewage line broken. Sanitary Notice issued 3-15-02 to field #B389.
34. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 277 Willow Drive, Horntown 24495. Owner: Kirk Story, 637 Love Run, Colora, MD 21917. Dwelling- white & Black camper trailer with a brown frame add on. No contact. Kitchen sewage line drains to bucket on ground with holes in bottom. Sanitary Notice issued 3-15-02 to field #B488.
35. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 183 Willow Drive, Horntown 23395. Owner: Dale Wayne Jones, 346 Nottingham Road, Elkton, MD 21921. Dwelling- beige & brown camper trailer. No contact. Kitchen sewage line drains to bucket in ground with plywood cover. Sanitary Notice issued 4-19-02 to field #B533.
36. CONTRIBUTES POLLUTION – Location: 149 Blue Bill Drive, Horntown 23395. Owner: Henry & Betty Rowe, Jr., 13106 North Point Lane, Laurel, MD 20708. Dwelling- beige & brown camper trailer. No contact. Trailer sewage line not connected to subsurface sewage line that is uncapped. Sanitary Notice issued 4-22-02 to field #B550.

37. CONTRIBUTES POLLUTION – Location: 6 Mallard Drive, Horntown 23395. Owner: Mary Kent Pace, 751 Annapolis Neck Road, Annapolis, MD 21403. Dwelling- beige & yellow camper trailer. No contact. Flexible sewage line from camper is broken and goes into hole covered with plywood. Sanitary Notice issued 5-1-02 to field #B616.
38. CONTRIBUTES POLLUTION – Location: 71 Trails End Drive, Horntown 23395. Owner: Walter Lee, 1311 Oporto Drive, The Villages, FL 32162. Dwelling- white, red & blue camper trailer with screen porch. No contact. Flexible sewage line from camper to septic tank broken. Sanitary Notice issued 5-3-02 to field #B641.
39. CONTRIBUTES POLLUTION – Location: 0 Swan Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- white frame 1 story comfort station with portable tank washout. No contact. Sewage portable sewage tank washout drain not capped. Sanitary Notice issued 5-17-02 to field #B696.
40. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 239 Pintail Drive, Horntown 23395. Owner: Stafford Ellsworth, 27 Meadow Lane, Newark, DE 19713. Dwelling- white & brown camper trailer & white gray & green recreational camper vehicle. No contact. Kitchen drain line broken. Sanitary Notice issued 5-31-02 to field #B754.
41. CONTRIBUTES POLLUTION – Location: 518 Blue Heron Drive, Horntown 23395. Owner: Michael Ruarke, 30538 Black Duck Lane Princess Ann MD 21853. Dwelling- beige, brown & red camper trailer. No contact. Flexible sewage hose with holes leaking effluent onto ground surface. Sanitary Notice issued 6-7-02 to field #B784.
42. CONTRIBUTES POLLUTION – Location: 1 Blue Heron Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5360 Trails End Drive, Horntown. Public- gray cement block 1 story comfort station with portable sewage tank washout. No contact. Sewage pump station tank with hole in sidewall and wood cover is rotting exposing contents. Sanitary Notice issued 6-21-02 to field #B820.
43. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 548 Blue Heron Drive, Horntown 23395. Owner: Barbara Fraser, 7750 Peach Court, Lusby, MD 20657. Dwelling- beige, red, & brown camper trailer. No contact. Hose from trailer sewage storage tank drains onto ground surface. Sanitary Notice issued 6-21-02 to field #B821.
44. CONTRIBUTES POLLUTION – Location: 538 Blue Heron Drive, Horntown 23395. Owner: Ronnie Pascoe, 403 Derbi Court, Hanover, PA 17331. Dwelling- beige & teal camper trailer. No contact. Sewage line to septic tank broken. Sanitary Notice issued 6-21-02 to field #B826.
45. CONTRIBUTES POLLUTION – Location: 601 Pintail Drive, Horntown 23395. Owner: Steven Russell, P.O. Box 121, Horntown. Dwelling- white & brown camper trailer with brown frame addition. No contact. Effluent from trailer sewage hookup pipe draining onto ground surface. Sanitary Notice issued 7-3-02 to field #B837.
46. CONTRIBUTES POLLUTION – Location: 326 Bay Breeze Drive, Horntown 23395. Owner: Dennis F. Werner, 2821 Sandtown Road, Felton, DE 19943. Dwelling- beige, red & black camper trailer with screen porch & gray frame 1 story. No contact. Sewage clean out pipe not properly capped. Sanitary Notice issued 8-9-02 to field #B938.

47. CONTRIBUTES POLLUTION – Location: 288 Nautilus Court, Horntown 23395. Owner: Lewis A. Kingsborough, 8130 Forest Glen Drive, Pasadena, MD 21122. Dwelling- beige & gold mobile home. No contact. Sewage effluent drained onto ground surface from sewage line not connected to portable sewage tank. Sanitary Notice issued 8-20-02 to field #B969.
49. CONTRIBUTES POLLUTION – Location: 321 Neptune Court, Horntown 23395. Owner: George Schevel, 4303 Tyaskin Nanticoke Road, Tyaskin, MD 21865. Dwelling- beige & tan camper trailer with screen porch. No contact. Sewage effluent drained onto ground surface from trailer sewage pipe not connected to portable sewage tank. Sanitary Notice issued 8-20-02 to field #B988.
50. CONTRIBUTES POLLUTION – Location: 122 Nautilus Drive, Horntown 23395. Owner: Jack P. Stone, P.O. Box 1148, 7734 C Street, Chesapeake Beach, MD 20732. Dwelling- white camper trailer. No contact. Sewage clean out pipe not capped. Sanitary Notice issued 8-20-02 to field #B999.
51. CONTRIBUTES POLLUTION – Location: 175 Periwinkle Drive, Horntown 23395. Owner: Jennifer Nickole Dines, 83 Rita Lane, Jackson, NJ 08527. Dwelling- beige & blue camper trailer & beige & almond camper trailer. No contact. Sewage effluent on ground surface from trailer sewage hookup line. Sanitary Notice issued 9-6-02 to field #B1049.
52. CONTRIBUTES POLLUTION – Location: 128 Periwinkle Court, Horntown 23395. Owner: Anthony J. Valania, 105 Country Club Estates, Gouldsboro, PA 18424. Dwelling- white & gray camper trailer. No contact. Sewage effluent draining onto ground surface from flexible sewage line connection to trailer sewage hookup. Sanitary Notice issued 9-6-02 to field #B1066.
53. CONTRIBUTES POLLUTION – Location: 133 Periwinkle Court, Horntown 23395. Owner: Paul Crozier, P.O. Box 420, Horntown. Dwelling- beige & green camper trailer & silver camper trailer & gray frame 1 story. No contact. Flexible sewage line from trailer broken. Sanitary Notice issued 9-6-02 to field #B1070.
54. CONTRIBUTES POLLUTION – Location: 63 Dove Shell Drive, Horntown 23395. Owner: Cathy Todd, P.O. Box 239, Hurlock, MD 21643. Dwelling- beige camper trailer. No contact. Sewage pipe to septic tank not capped. Sanitary Notice issued 9-13-02 to field #B1093.
55. CONTRIBUTES POLLUTION – Location: 65 Penshell Court, Horntown 23395. Owner: Susan Coombes, 24 Knoll Street, Elkton, MD 21921. Dwelling- cream & brown camper trailer. No contact. Sewage effluent on ground surface from trailer sewage hookup pipe. Sanitary Notice issued 9-13-02 to field #B1095.
56. CONTRIBUTES POLLUTION – Location: 71 Penshell Court, Horntown 23395. Owner: Ulises Rodriguez, 8400 Baron Street, Silver Spring, MD 20912. Dwelling- beige & tan camper trailer. No contact. Portable sewage tank connected to trailer is cracked. Sanitary Notice issued 9-13-02 to field #B1099.
57. CONTRIBUTES POLLUTION – Location: 20 Dove Shell Drive, Horntown 23395. Owner: Donn Spotts, 422 East Front Street, Danville, PA 17821. Dwelling- cream, red & blue camper trailer. No contact. Flexible sewage line to septic tank cracked. Sanitary Notice issued 9-20-02 to field #B1111.

58. CONTRIBUTES POLLUTION – Location: 237 Nautilus Drive, Horntown 23395. Owner: Jerry Wimbrow, 7478 Beebe Road, Chincoteague 23336. Dwelling- buff & brown camper trailer. No contact. Evidence of sewage effluent on ground surface from trailer sewage holding tank hookup. Sanitary Notice issued 9-20-02 to field #B1132.
59. CONTRIBUTES POLLUTION – Location: 244 Nautilus Drive, Horntown 23395. Owner: Nick & Cindy Kline, 50 Wiggins Street, Mahanoy City, PA 17948. Dwelling- beige, yellow & brown camper trailer with almond frame addition. No contact. Evidence of sewage effluent on ground surface from trailer sewage tank holding tank hookup. Sanitary Notice issued 9-20-02 to field #B1134.
60. CONTRIBUTES POLLUTION – Location: 218 Limpet Drive, Horntown 23395. Owner: Rita M. Bush, 1405 Claridge Avenue, Baltimore, MD 21227. Dwelling- beige & brown camper trailer with add on cover. Sewage effluent drains onto ground surface from flexible sewage line to portable sewage tank. Sanitary Notice issued 10-4-02 to field #B1194.
61. CONTRIBUTES POLLUTION – Location: 163 Venus Court, Horntown 23395. Owner: Leland H. Damon, Jr., 4782 N3 35th Street, Ocala, FL 34482. Dwelling- beige, buff & orange camper trailer with brown frame. No contact. Evidence of sewage effluent on ground surface from trailer sewage holding tank hookup. Sanitary Notice issued 10-4-02 to field #B1210.
62. CONTRIBUTES POLLUTION – Location: 16 Bay Breeze Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., 5350 Trails End Drive, Horntown. Public- white cement block 1 story comfort station with sewage tank washout. No contact. Cover for sewage pump station tank rotting and warping exposing contents. Sanitary Notice issued 10-4-02 to field #B1221.
63. CONTRIBUTES POLLUTION – Location: 90 Limpet Court, Horntown 23395. Owner: Denise Welsch, P.O. Box D, Lincolndale, NY 10540. Dwelling- cream, tan & maroon camper trailer. No contact. Flexible sewage line from trailer to septic tank broken. Sanitary Notice issued 10-18-02 to field #B1236.
64. CONTRIBUTES POLLUTION – Location: 59 Slipper Shell Drive, Horntown 23395. Owner: Ralph D. Uttech, 3258 S. Utah Street, Arlington 22206. Dwelling- empty camper site with screen gazebo. No contact. Flexible sewage line to septic tank not capped. Sanitary Notice issued 10-25-02 to field #B1259.
65. CONTRIBUTES POLLUTION – Location: 17 Bay Breeze Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, 5360 Trails End Drive, Horntown. Public- white cement block 1 story comfort station with sewage tank washout. No contact. Sewage pump station tank wall broken and eroded exposing contents. Sanitary Notice issued 10-25-02 to field #B1282.
66. CONTRIBUTES POLLUTION – Location: 10 Bay Breeze Drive, Horntown 23395. Owner: William Aisquith, 3702 Lottsford Vista Road, Mitchellville, MD 20721. Dwelling- white & blue camper trailer & silver camper trailer. No contact. Sewage effluent drained onto ground surface from trailer sewage tank hookup. Sanitary Notice issued 11-15-02 to field #B1315.
67. CONTRIBUTES POLLUTION – Location: 57 Oak Court, Horntown 23395. Owner: George R. Doremus, 2005 Hopewell Road, Port Deposit, MD 21904. Dwelling- beige & tan camper trailer with red frame addition & white & teal camper trailer. No contact. Flexible sewage line broken and septic tank has metal cover with holes. Sanitary Notice issued 11-21-02 to field #B1340.

68. CONTRIBUTES POLLUTION – Location: 321 Gull Court, Horntown 23395. Owner: Douglas Moore, 206 Carroll Road, Glen Burnie, MD 21060. Dwelling- beige & blue camper trailer with screen porch. No contact. Flexible sewage line from trailer broken. Sanitary Notice issued 11-21-02 to field #B1344.
69. CONTRIBUTES POLLUTION – Location: 292 Pintail Drive, Horntown 23395. Owner: Linda Butcher, 388 Roberts Way, Smyrna, DE 19977. Dwelling- brown mobile home. No contact. Hole under trailer with effluent and portable sewage tank has holes drilled in sides. Sanitary Notice issued 11-21-02 to field #B1363.
70. CONTRIBUTES POLLUTION – Location: 488 Starfish Court, Horntown 23395. Owner: David Bridge, 4663 White Deer Road, Delmar, DE 19940. Dwelling- beige, yellow & orange camper trailer. No contact. Flexible sewage line from trailer broken. Sanitary Notice issued 11-21-02 to field #B1378.
71. CONTRIBUTES POLLUTION – Location: 503 Bay Breeze Court, Horntown 23395. Owner: James Gaither, 47 Wedgewood Drive, Goshen, NY 10924. Dwelling- beige & tan camper trailer. No contact. Flexible sewage line from trailer broken. Sanitary Notice issued 11-27-02 to field #B1387.
72. CONTRIBUTES POLLUTION – Location: 285 Brean Drive, Horntown 23395. Owner: Hyman Goldstien, 9340 Sunrise Lakes Blvd., Apt. 203, Fort Lauderdale FA 33322-2103. Dwelling- Cream coachman trailer. No contact. Opening in sewer line between camper and sewage disposal system. Sanitary notice issued 9-20-02 to field #Wt66.
73. CONTRIBUTES POLLUTION – Location: 136 Sailfin & Bluepoint Drive, Horntown 23395. Owner: Russell Ray, 7918 Chesapeake Dr., Baltimore, MD 21220. Dwelling- white trailer on corner. No contact. Sewer line rotted between trailer and sewage disposal blue tank. Sanitary notice issued 10-17-02 to field #Wt123.
74. CONTRIBUTES POLLUTION – Location: 150 Sailfin Drive, Horntown 23395. Owner: Charles D. Willett, 24 Greenwood Place, Indian Head MD 20640-1004. Dwelling- Cream trailer with T-111 siding and front porch. No contact. Sewage dripping on ground surface from sewer line from trailer. Sanitary notice issued 10-04-02 to field #Wt135.
75. CONTRIBUTES POLLUTION – Location: 401 Blue Point Drive, Horntown 23395. Owner: Raymond Ellsworth, 217 Kirkoff Rd, Westminster, MD 21157. Dwelling- tan trailers under a detached “A” frame roof. No contact. No onsite sewage facility. No end cap on trailer sewer line hook-up. Sewer line and blue reserve tank on ground surface next to a pit. Sanitary notice issued 11-15-02 to field #Wt215.
81. CONTRIBUTES POLLUTION – Location: 36385 Justis Lane, Horntown 23395. Owner: David Hickman, P.O. Box 310, 6144 Dublin Farm Road, Horntown 23395. Dwelling- white frame 2 story. ? persons. No contact. Pit caved in exposing contents of pit privy. Sanitary Notice issued 09-06-02 to field #367.

82. CONTRIBUTES POLLUTION – Occupant: Elvis Wallop, 36395 Justis Lane, Horntown 23395. Owner: David Hickman, P.O. Box 310, 6144 Dublin Farm Road, Horntown 23395. Dwelling- gray asphalt paper siding 2 story. 2 persons. Pit caved in exposing contents of pit privy.
- CONTRIBUTES POLLUTION (Kitchen and Laundry Wastes) - Occupant: Elvis Wallop, 36395 Justis Lane, Horntown 23395. Owner: David Hickman, P.O. Box 310, 6144 Dublin Farm Road, Horntown 23395. Dwelling- gray asphalt paper siding 2 story. 2 persons. Hose from washing machine emptying directly onto ground surface. Sanitary Notice issued 09-06-02 to field #H368.
84. CONTRIBUTES POLLUTION (Kitchen and Laundry Wastes) – Occupant: Samantha Mettis, 35433 Justis Lane, Horntown 23395. Owner: David Hickman, P.O. Box 310, 6144 Dublin Farm Road, Horntown 23395. Dwelling- white frame 1 story. 2 persons. Hose from washing machine emptying directly to ground surface. Sanitary Notice issued 09-06-02 to field #H370.
88. CONTRIBUTES POLLUTION – Location: 4478 Flemming Road, New Church, VA 23415. Dwelling- Gray rancher with dark green shutters. ? persons. No contact. Cover to distribution box removed, contents exposed to ground surface. Sanitary notice issued 6-28-02 to field #W530.
89. CONTRIBUTES POLLUTION – Floyd Townsend, 35161 Raymond Townsend Road, New Church, VA 23415. Dwelling- Yellow vinyl 2 story with brown shutters. 4 persons. Sewage system, distribution box, septic tank and drainfield lines uncovered. Effluent exposed to ground surface. Sanitary notice issued 6-28-02 to field #W511.
90. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Roy Cropper, 35187 Raymond Townsend Road, New Church, VA 23415. Dwelling- Yellow asbestos sided bungalow, one story. One person. Laundry wastes on ground surface. Sanitary notice issued 6-28-02 to field #W510.
92. NO FACILITIES – John Armstrong, P.O. Box 176, Mappsville, VA 23407. Dwelling- small asbestos sided one story. One person. Sanitary notice issued 6-07-02 to field #W489.
94. CONTRIBUTES POLLUTION – Francis Nocx, 3292 Flemming Road, New Church, VA 23415. Dwelling- Brown asbestos sided one story with white trim. One person. Effluent on ground surface above drainfields. Sanitary notice issued 6-07-02 to field #W475.
102. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 1534 Harbor Drive, Greenbackville, VA 23356. Dwelling- white aluminum two story with white trim. ? persons. No contact. Laundry wastes to ground surface from sink drainpipe. Sanitary notice issued 11-20-01 to field #W140.
103. CONTRIBUTES POLLUTION – Location: 1540 Harbor Drive, Greenbackville, VA 23356. Dwelling- white asbestos sided two story with white trim. ? persons. No contact. Hatch cover to septic tank ajar with a pump and hose leading to ground surface present. Sanitary notice issued 11-02-01 to field #W139.
106. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Pearl Merritt, 38461 State Road, Greenbackville, VA 23356. Dwelling- white asbestos sided one and one half story with front-screened porch. 3 persons. Kitchen and/or laundry wastes from 2-inch PVC pipe on ground surface. Sanitary notice issued 10-25-01 to field #W114.

107. CONTRIBUTES POLLUTION – Location: 39025 Church Street, Greenbackville, VA 23356. Dwelling- tan trailer with screened front porch. ? persons. No contact. Effluent on ground surface around septic tank. Sanitary notice issued 10-25-01 to field #W104.
109. CONTRIBUTES POLLUTION, ***DIRECT*** - Jack Taylor, 1448 Stockton Road, Greenbackville, VA 23356. Dwelling- white vinyl two story with white trim. 3 persons. Effluent drains directly to ditch from underground line from drainfields. Sanitary notice issued 1-25-01 to field #W95.
110. CONTRIBUTES POLLUTION – Sadie Pruitt, General Delivery, Greenbackville, VA 23356. Dwelling- white asbestos sided two and one half story with white trim. 1 person. Effluent on ground surface over septic tank. Sanitary notice issued 10-22-01 to field #W91.

POTENTIAL POLLUTION

19. Location: Pettit Lane, Horntown 23395. Owner: Carlton Handy, P.O. Box 207, Horntown. Dwelling- green asbestos siding 1 story. 3 persons. Owner stated that sewage system backs up during wet weather. No evidence of problem at time of survey.
76. Location: 45 Manoe Lane, Horntown 23395. Dwelling- white trailer with blue stripe. ? persons. No contact. Duct tape wrapped around sewage line. No sign of leakage at time of survey.
77. Location: 48 Manoe Lane, Horntown 23395. Dwelling- cream trailer with red and blue stripes. ? persons. No contact. Duct tape wrapped around sewage line. No sign of leakage at time of survey.
78. Location: 5067 Blue Point Drive, Horntown 23395. Dwelling- white and green trailer. ? persons. No contact. Duct tape wrapped around sewage line. No sign of leakage at time of survey.
79. Location: #10 Campsite Blue Point Drive, Horntown 23395. Dwelling- white and green Nomad trailer. ? persons. No contact. Duct tape wrapped around sewage line. No sign of leakage at time of survey.
80. Location: #9 Campsite Blue Point Drive, Horntown 23395. Dwelling- green trailer with white stripe. ? persons. No contact. Duct tape wrapped around sewage line. No sign of leakage at time of survey.
85. Owner: United States Postal Service, Horntown 23395. Public- gray vinyl 1 story with white trim. 1 person. Postal employee stated that there have been problems flushing the toilet, especially in wet weather. There was also dense vegetation surrounding the septic tank. No sign of effluent on ground surface at time of survey.
86. Location: 4585 Fleming Road, Horntown 23395. Dwelling- white vinyl 2 story with green shutters. ? persons. No contact. 3' black hose of undetermined origin from under house. No discharge to ground surface at time of survey.
91. Location: 10751 Coldkall Road, New Church, VA 23415. Dwelling- brown and orange trailer. ? persons. No contact. Black 2 inch pipe from trailer to ground surface. No sign of effluent on ground surface.

93. Floyd and Beulah Wallop Jr., P.O. Box 2 Horntown, VA 23395. Dwelling- white aluminum sided rancher. 2 persons. The Wallop's stated that during rainy winters the system fails. There was no sign of effluent on ground surface during survey.
105. Location: 39046 Church Street, Greenbackville, VA 23356. Dwelling- white vinyl sided 2-½ story with gray shutters. Two inch PVC pipe from house to ground surface. No sign of effluent at time of survey.
108. Wilbur Bowden, % Transamerica, 2191 Defense Hwy Suite 400, Crofton, MD 21114. Dwelling- brown vinyl 2 story with white trim. Neighbor stated that system had failed in the past when house was occupied. No sign of system failure in yard during inspection.
111. James and Eva Jean Pruitt, P.O. Box 116, Greenbackville, VA 23356. Dwelling- tan T-111 sided one story. Owner stated that in wet conditions sinks and toilet are slow to drain.

SECTION C: NONSEWAGE WASTE SITES

INDUSTRIAL WASTES

SOLID WASTE DUMPSITES

- 21. Chincoteague Bay Trails End Association, Inc., P.O. Box 240, Horntown 23395. Public-satellite trash collecting site with two large trash collector containers.
- 112. Accomack County, c/o Keith Bull, Accomack County Administrator, P.O. Box 388, Accomac 23301. Public- green metal trash dumpster. 0 persons. Trash dumpster located 50' from Chincoteague Bay.

SECTION D: BOATING ACTIVITY

MARINAS

- 48. Chincoteague Bay Trails End, Nautilus Drive, Horntown 23395. Owner: Chincoteague Bay Trails End Association, Inc., P.O. Box 240, Horntown. Private marina. 40 seasonal slips/moorings available. Present at time of survey were 2 pleasure boats under 26' and one pleasure boat over 26'. The only boating service provided is in-out ramp. Sanitary facilities provided are 3 commodes, 1 urinal, and 3 lavatories for men; and 4 commodes and 3 lavatories for women. Boat holding tank pump-out facilities and a dump station are provided at this location but water line was broken and pump was not working. Sewage is pumped to a septic tank/drainfield.
- 98. Captain's Cove Golf & Yacht Club, 3370 Captains Corridor, Greenbackville 23356. Owner: Pete Miller, Mgr., Owners Assoc. Private marina. 20 seasonal slips/moorings available. Present at time of survey were 14 pleasure boats under 26' and one pleasure boat over 26'. Boating services provided are fuel, water and a ramp. Sanitary facilities provided are 2 commodes, 1 urinal, and 3 lavatories for men; and 3 commodes, and 3 lavatories for women. Boat holding tank pump-out facilities are provided at this location and are available on request. Sewage is pumped to community sewage treatment plant.
- 101. Greenbackville Harbor, P.O. Box 74, Greenbackville 23356. Gene Brinegar, Manager. Marina-public boat ramp with docking facilities. 54 slips/43 moorings. Present at time of survey were 15 pleasure boats and 9 work boats under 26'. There were 15 pleasure boats and 21 work boats over 26'. Boating services provided are fuel, water, electricity and an in-out ramp. Sanitary facilities provided are 1 vault privy for men and 1 vault privy for women. Boat holding tank pump-out facilities are provided at this location. (P/O system not operation on the 7-15-02 inspection) Sewage is pumped and hauled by private contractor.

OTHER PLACES WHERE BOATS ARE MOORED

UNDER SURVEILLANCE

SECTION E: CONTRIBUTES ANIMAL POLLUTION

2. CONTRIBUTES ANIMAL POLLUTION – Tommy Clark, Justice Farm Road, Wattsville 23483. Dwelling- cream vinyl siding 1 story white trim and brown shutters. 2 persons. Present at time of survey were 4 horses and 1 goat located approximately 500' from a ditch that drains to Wattsville Branch.
3. CONTRIBUTES ANIMAL POLLUTION – Location: 7298 Chincoteague Rd., Wattsville 23483. Owner: Dickie Justis, Atlantic 23303. Dwelling- white aluminum siding 2 story with black shutters. 1 person. Present at time of survey were approximately 15,000 broilers held in one poultry house located 500' from a ditch that drains into Little Mosquito Creek. Local farmers apply solid sludge as fertilizer to crop fields.
4. CONTRIBUTES ANIMAL POLLUTION – Location: 6549 Coardtown Rd., New Church 23415. Owner: John H. Poole, P. O. Box 17, New Church 23415. Dwelling- white vinyl 1 story with black shutters. ? persons. No contact. Present at time of survey were approximately 20,000 broilers in one house and approximately 100 pigs one house located approximately 1000' from a ditch that drains into Little Mosquito Creek.. Local farmers apply solid sludge as fertilizer to crop fields.
5. CONTRIBUTES ANIMAL POLLUTION – Location: 32372 Cropper Lane, New Church 23415. Dwelling- tan frame 1 story with white trim and burgundy shutters. ? persons. No contact. Present at time of survey were approximately 40 assorted fowl located approximately 1500' from a ditch that drains to Little Mosquito Creek.
7. CONTRIBUTES ANIMAL POLLUTION– Location: 33015 Wisco One, Wattsville 23483. ? persons. No contact. Present at time of survey were approximately 75 roosters located approximately 500' from a ditch that drains to Wattsville Branch.
10. CONTRIBUTES ANIMAL POLLUTION– M and L Farm, 6427 Wattsville Road, Wattsville 23483. Dwelling- blue asbestos 1 story with white trim. ? persons. No contact. Present at time of survey were approximately 25,000 broilers contained in two houses located approximately 100' from a ditch that drains to Little Mosquito Creek. Waste removed and applied as fertilizer to fields.
11. CONTRIBUTES ANIMAL POLLUTION – Location: 6390 Wattsville Road, Wattsville 23483. Dwelling- tan vinyl 1 story with white trim. ? persons. No contact. There were no chickens present at time of survey in two chicken houses. When full house should hold approximately 10,000 chickens per house 500' from ditch of Little Mosquito Creek.
83. CONTRIBUTES ANIMAL POLLUTION – Location: 35426 Justis Lane, Horntown 23395. Dwelling- blue frame 1 story. ? persons. No contact. Present at time of survey were 4 chickens, 3 goats, and 6 pigs in an enclosure approximately ½ mile from Horntown bay.
87. CONTRIBUTES ANIMAL POLLUTION – Horntown, VA 23395. Dwelling- green trailer with white trim. ? persons. No contact. Four poultry houses each containing approximately 10,000 broilers. Waste removed and applied to fields by contractors.
95. CONTRIBUTES ANIMAL POLLUTION – Janet Outten, New Church, VA 23415. Dwelling- 1 & ½ story white aluminum house. 2 persons. Present at time of survey were 2 horses and 5 poultry houses with 15,000 chickens per house. Chicken waste removed and applied to agricultural fields. Facility located approximately 500' from Selby Mill Branch.
96. CONTRIBUTES ANIMAL POLLUTION – W. Clinton, 2274 Silverthorne RD, New Church

VA 23415. Dwelling- white vinyl siding 1 ½ story. No contact. There were no chickens at time of survey in the one poultry house. When full the house should hold approximately 10,000 chickens 800' from Selby Mill Branch.

- 97. CONTRIBUTES ANIMAL POLLUTION – F.A. Holland, 2152 Flemming Road New Church, VA 23415. Dwelling- white aluminum sided 2 story with black shutters. No contact. Present at time of survey were 3 horses in pasture 900' from Swans Gut. No chickens in poultry houses at time of survey. Houses appear to be used for equipment storage.
- 100. CONTRIBUTES ANIMAL POLLUTION – Richmond Culver, 1495 State Rd, New Church, VA 23415. Dwelling- white asbestos two story with green shutters. Present at time of survey were 150 cows 300' from Powell Creek. There were 5 poultry house with 10,000 chickens per house. Poultry waste is remove by contractors and applied to agricultural fields.
- 104. CONTRIBUTES ANIMAL POLLUTION – William Mainer, Greenbackville, VA 23356. Agricultural- brown frame wooden poultry house. No contact. Poultry house can hold approximately 8,000 chickens.

SUMMARY

Area # 100
Chincoteague Bay
August 25, 2003

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

1 - DIRECT - #1
1 - INDIRECT - #99
2 - B. 1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

Correction of deficiencies in this section is the responsibility of the local health department.

2- CONTRIBUTES POLLUTION, DIRECT - #29, 109

63- CONTRIBUTES POLLUTION, INDIRECT - #6, 8, 9, 14, 15, 16, 17, 18, 20, 22, 23, 24, 25,
26, 28, 30, 31, 33, 36, 37, 38, 39, 41, 42, 44, 45, 46, 47, 49, 50, 51, 52, 53, 54,
55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75,
81, 82, 88, 89, 94, 103, 107, 110

2- CP (Kitchen or Laundry Wastes), DIRECT - #12, 13

11- CP (Kitchen or Laundry Wastes), INDIRECT - #27, 32, 34, 35, 40, 43, 82, 84, 90, 102,
106

0- NO FACILITIES, DIRECT - #

1- NO FACILITIES, INDIRECT - #92

79 - D.2. TOTAL

3. POTENTIAL POLLUTION -

Periodic surveillance of these properties will be maintained to determine any status change.

13 - POTENTIAL POLLUTION - #19, 76, 77, 78, 79, 80, 85, 86, 91, 93, 105, 108, 111

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 - DIRECT - #
0 - INDIRECT - #
0 - C.1. TOTAL

2. SOLID WASTE DUMPSITES

0 - DIRECT - #
2 - INDIRECT - # 21, 112
2 - C.2. TOTAL

SECTION D: BOATING ACTIVITY

3 - MARINAS - #48, 98, 101
0 - OTHER PLACES WHERE BOATS ARE MOORED - #
0 - UNDER SURVEILLANCE - #
3 - D TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 - -DIRECT - #
14 - -INDIRECT - #2, 3, 4, 5, 7, 10, 11, 83, 87, 95, 96, 97, 100, 104
14 - -E TOTAL

